

REMARKS**INTRODUCTION:**

In accordance with the foregoing, claim 4 has been canceled without prejudice or disclaimer, new claim 16 has been added, and claims 1, 10, 11 and 15 have been amended. No new matter is being presented, and approval and entry are respectfully requested.

Claims 1-3 and 5-16 are pending and under consideration. Reconsideration is respectfully requested.

REJECTION UNDER 35 U.S.C. §112:

In the Office Action, at page 2, numbered paragraph 6, claim 15 was rejected under 35 U.S.C. §112, second paragraph, for the reasons set forth therein. This rejection is traversed and reconsideration is requested.

Claim 15 has been amended to delete the terminology "improving document display ... on the monitor" as suggested by the Examiner. Thus, amended claim 15 is now submitted to be in allowable form under 35 U.S.C. §112, second paragraph.

REJECTION UNDER 35 U.S.C. §103:

In the Office Action, at pages 3-6, numbered paragraph 8, claims 1-5, 7-8 and 10-15 were rejected under 35 U.S.C. §103(a) as being unpatentable over Qureshi et al. (USPN 6,456,305; hereafter, Qureshi). In addition, at pages 6-7, numbered paragraph 9, claims 6 and 9 were rejected under 35 U.S.C. §103(a) as being unpatentable over Qureshi et al. (USPN 6,456,305; hereafter, Qureshi) in view of Iwamura et al. (USPN 6,388,684; hereafter, Iwamura). These rejections are traversed, and reconsideration is requested.

Applicants respectfully submit that there are significant differences between Applicants' invention and the cited prior art, certain ones of which are discussed as follows.

Although the claims are not limited to what is described in the specification, page 13, lines 4-26 describes that in the embodiment of FIG. 7, the user is allowed to input, from the operation unit 27, a demand for selection of the document data to the CPU, and in the display system 101 of this embodiment, the switching between the display-method 1 document data and the display-method 2 document data may be utilized for displaying the selected document data on the screen of the display unit 21.

Qureshi et al. fails to disclose or suggest a display control unit facilitating switching between controlling a display layout of the display unit based on the detected display

specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one of the data elements with a calculated display size is displayed on the display unit, as in the applicants' invention. For antecedent basis purposes, refer to page 13, lines 4-26, in the specification and FIG. 7.

As mentioned in the Office Action, Iwamura discloses displaying a calculated target region to be enlarged and the original image on the display screen. However, Iwamura does not cure the deficiencies of Qureshi et al. mentioned above and does not disclose or suggest the "display control unit" features of the applicants' invention.

Independent claim 1 has been amended describe the display control unit as follows:

"a display control unit facilitating switching between controlling a display layout of the display unit based on the detected display specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one of the data elements with a calculated display size is displayed on the display unit." Claims 10, 11 and 15 have been amended similarly. Claim 4 has been cancelled without prejudice or disclaimer.

It is respectfully submitted that Qureshi does not teach or suggest "a display control unit facilitating switching between controlling a display layout of the display unit based on the detected display specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one of the data elements with a calculated display size is displayed on the display unit," as is recited in amended independent claim 1, and similarly in claims 10, 11 and 15 of the present invention. Thus, amended independent claims 1, 10, 11 and 15 are submitted to be patentable under 35 U.S.C. §103(a) over Qureshi et al. (USPN 6,456,305). Since claims 2-3, 5, 7-8, 12, 13 and 14 depend from amended independent claims 1, 10 and 11, respectively, claims 2-3, 5, 7-8, 12, 13 and 14 are submitted to be patentable under 35 U.S.C. §103(a) over Qureshi et al. (USPN 6,456,305) for at least the reasons that amended independent claims 1, 10 and 11 are submitted to be patentable under 35 U.S.C. §103(a) over Qureshi et al. (USPN 6,456,305).

As noted above, amended independent claim 1 is submitted to be patentable under 35 U.S.C. §103(a) over Qureshi et al. (USPN 6,456,305). Since claims 6 and 9 depend from amended independent claim 1, claims 6 and 9 are submitted to be patentable under 35 U.S.C. §103(a) over Qureshi et al. (USPN 6,456,305) for at least the reasons that amended independent claim 1 is submitted to be patentable under 35 U.S.C. §103(a) over Qureshi et al. (USPN 6,456,305).

It is respectfully submitted that Iwamura recites a method and apparatus for displaying a target region on an original image region, wherein a peripheral region adjoining the enlargement target region is displayed between the target region and the original image region. However, Iwamura fails to teach or suggest a display control unit facilitating switching between controlling a display layout of the display unit based on the detected display specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one of the data elements with a calculated display size is displayed on the display unit, as is recited by amended claim 1. Thus, amended claim 1 is submitted to be patentable under 35 U.S.C. §103(a) over Qureshi et al. (USPN 6,456,305) and/or Iwamura et al. (USPN 6,388,684), alone or in combination.

Since claims 6 and 9 depend from amended claim 1, claims 6 and 9 are submitted to be patentable under 35 U.S.C. §103(a) Qureshi et al. (USPN 6,456,305) and/or Iwamura et al. (USPN 6,388,684), alone or in combination, for at least the reasons amended claim 1 is submitted to be patentable under 35 U.S.C. §103(a) Qureshi et al. (USPN 6,456,305) and/or Iwamura et al. (USPN 6,388,684), alone or in combination.

Thus, claims 6 and 9 are submitted to be patentable under 35 U.S.C. §103(a) Qureshi et al. (USPN 6,456,305) and/or Iwamura et al. (USPN 6,388,684), alone or in combination.

NEW CLAIM:

New claim 16 recites that the features of the present invention include a display system in which a document data is displayed on a display unit, comprising: a display device, comprising: the display unit, receiving processed document data from a display memory; a display memory storing a processed document data so that a document is displayed on the display in accordance with the processed document data, wherein when a first display method is selected, an entire document data is displayed on the display unit with an original display size, and when the second display method is selected, at least one of the data elements of the document data is displayed with a calculated display size on the display unit; a memory storing layout data, text data elements, and image data elements and display specification data; a central processing unit receiving original document data, processing the original document data to provide layout data, wherein the layout data contain layout information, comprised of data element identifiers, data element positions and page format data and are integrally stored with the document data and represent a page layout of data elements of the document data that are displayed, text data elements, and image data elements, and storing the layout data, text data elements, and image data elements in the memory detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit,

storing the display specification data in the memory, detecting display method instructions from a user, and selecting a display method based on the user instructions and; wherein the central processing unit switches between controlling a display layout of the display unit based on the display specification data and the layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit, based on the user input, such that an image of at least one of the data elements with a calculated display size is displayed on the display unit.

Nothing in the prior art teaches or suggests such. It is submitted that this new claim distinguishes over the prior art.

CONCLUSION:

In accordance with the foregoing, it is respectfully submitted that all outstanding objections and rejections have been overcome and/or rendered moot, and further, that all pending claims patentably distinguish over the prior art. Thus, there being no further outstanding objections or rejections, the application is submitted as being in condition for allowance which action is earnestly solicited.

If the Examiner has any remaining issues to be addressed, it is believed that prosecution can be expedited by the Examiner contacting the undersigned attorney for a telephone interview to discuss resolution of such issues.

If there are any underpayments or overpayments of fees associated with the filing of this Amendment, please charge and/or credit the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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